SURE MENT BOOK

Number 3	Length 4	Dimensions: Breadth 5	Dimensions: Depth 6	Contents 7	Reference to last Measurement 8
				I:T - - 25938	
				Vat - - 103754	
				LWC - - 25938	
				CBT - - 2594	
				Roy - - 49988	
				208212	
				Cl :- 23,85,626/-	

SBRNO-30/15-16 Dt: 30-4-15

1st and Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

BR-24/30-4-15

No. B 260520

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work ..... D.O. Receipt - 24/04/2015

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Dimensions: Length 4	Dimensions: Breadth 5	Dimensions: Depth 6	Contents 7	Reference to last Measurement 8
	Name of Work	Improvement and Asphalting to layout Roads in Ward No-09 of Vidyaranya pura Sub-Division.					& apthagiri
	JOB. NO	: 009-15-0000					of Vidyaranya
	Estimated cost Rs	: Rs 20.00 Lakhs					
	Work order. no,	: EE/BP/BBMP/T-PMT/08/4240/WO/320 2014-15 Dt. 23-02-2015					
	Date of commencement	: 24/2/2015					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Date of completion		24.04.2018				
	1) Earthwork Excavation by manual means in ordinary soil involving an average horizontal throw upto 2 m and an average lift upto 0.300 m, Excavated surface levelled and sides neatly dressed, the disposed Earth to be levelled neatly after breaking of clodsete complete as per specifications and directions of Engineer in-charge of the work.						
						Qty vide this MB page no. 260 to 271	27556.0
						@ 75.60/m³	

Serial No. .....
Name of Work ..
Name of Contra
Date of commer

Date	Ful
1	
	2) Ear cu Co in in tra of C e

REMENT BOOK

ber	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	24-04-2018				
	by manual means in ordinary ge horizontal throw upto 2 to 0.300m, excavated surface y dressed, the disposed y after breakage of clods etc ths and directions of Engineer				
	Qty vide this MB p.no. 260518 It ①: 364.50m³			27558.00	

₹75.60/m³

M. A. R. 57 (Rule 116)
Measurement Book

No. B

260521

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2) Earthwork excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.500m and above in width in hand soil not exceeding 1.500m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breakage of clods etc complete as per specifications and directions of Engineer in charge of work.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Ofg made this on B. P 26/03/87				9954.00
			If add ① = 37.62 m³ @ 264.6/m³				
3)	Providing and laying in position plain cement concrete of mix 1:4:8 with ope cement @ 180 kg with 40 mm nom down size graded granite metal coarse aggregate @ 0.85 m³ and fine aggregate @ 0.57 m³ machine mixed, concrete laid in layers not exceeding 15 cms thick well compacted, in foundations and plinth, including costing all materials, labour, hire of machinery, cartage complete as per specifications and directions of Engineer in-charge of the work.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work .

Date	Full description, etc, of
1	2
4)	Providing and c... mortar in super... thick dressed ... band stones ... costing materi... specifications.

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
			Oky side this mB. P 260587	9954.00
			It no ① = 37.62 m³ @ 264.6/-	
			...other plain Cement Concrete	
			...ch 1:4:8 typ Dim 40mm nom	
			...ted coarse aggregate	
			...e 0.577 3 machine mixed,	
			...exceeds 15cms thick wet	
			...plinth, including costing all	
			...machinery, complete	
			...and directing & supervising	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

260522

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
						Oky side this mB.P 260587	
						It no ③ 4.484 m³ @ 4847.04/-	2618.00
	4) Providing and constructing granite/trap/ basalt size stone masonry in superstructure with cm 1:6 edges of stone, chiselled dressed in courses not less than 15cms high bond stones at 2 m apart in each course including costing materials, labour, conveyance complete as per specifications. RD1	2×1	7.20	0.60	0.80	8.91 m³	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	CD2	2	6.00	0.60	0.80	5.76 m²	
	CD3	2	7.20	0.60	0.80	6.91	
						19.58 m²	
						@ 4773.60/m³	85,066.00
			LWH = 17.824				
5)	Providing ruled pointing to CM 1:4, 20 mm deep 20 mm nicely lining, including curing etc complete as per specifications and direction of Engineer-In-charge of work		coursed stone masonry with after raking joints to depth of				
	CD1	2	7.20		0.80	11.52 m²	
	CD2	2	6.00		0.80	9.60	

Serial No. .....
Name of Work .....
Name of Contractor
Date of commencem

Date	Full des
1	
	5) Provid mix gra fin m W of

...UREMENT BOOK

Number 3	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
2×1	6.00	0.60	0.80 =	5.76 m²	
2×1	7.20	0.60	0.80 =	6.91	
				19.58 m²	
Add to				17.824³ @ 4773.60/m³	85066.00
Course stone masonry with					
the rate given to depth of					
study costing material, labour					
specifications and direction of					
work					
1×1	7.20	"	0.80	11.52 m³	
1×1	6.60		0.80	9.60	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260523

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Cft	2×1	7.20	6 —	0.80 =	11.52	
	Add to		29.70 m²		92.88 m²	32.64 m²	2759.00
	6) Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kg/m³ 20mm and down graded granite metal coarse aggregate @ 0.878 m³ and fine aggregate and fine aggregate @ 0.459 m³, machine mixed concrete laid in layers not exceeding 15cms thick well compacted in foundations, plinth of cills, including cost of all material, labour, hire of machinery complete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	complete as per specifications and directions of Engineer-in-charge of Works.					@	
	CR1	~~1×1~~	~~7.20~~	~~0.80~~	~~0.10~~	~~2.88 m³~~	~~1.28 m³~~
	CR2	~~1×1~~	~~6.00~~	1.80	0.25	1.98	1.08
	CR3	~~1×1~~	7.20	0.80	0.22	~~2.85~~ 5.50	1.20
		~~×3~~	6.20	0.80	0.15	~~7.68 m³~~	9.14 m³
		Ltd to	~~6.88~~ m³		@	5327.64 m³	~~36388.20~~ @ 42195.12
			7.92				
	7) Providing of laying in position reinforced cement concrete of design mix M-20 with OPC cement @ 320 kg with 20 mm and down size graded granite metal coarse aggregate @ 0.8784 m³ and fine aggregate @ 0.439 m³ with super						

Serial No. .....
Name of Work .....
Name of Contractor of
Date of commenceme

Date	Full descr
1	plant sis 2008, 15 cms and 9 Walls pillars parap Cills, of

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	directions of Engineer-in-charge of the work.						
	Deck slab CD1	12 nos	1.80	0.60	0.29	5.27	
	" CD2	10 nos	1.50	0.60	0.29	1.98	
	" CD3	12 nos	1.80	0.60	0.29	2.87	
						7.72 m³	41426.00
	Total = 6.83 m³					@ 6065.28 /m³	
8)	Providing mild steel reinforcement for RCC work including straightening cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design costing all materials						

Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc
1	2
	labour, Hom and directions
9)	Providing -1 re etc and remo on walls at buttresses an material,

...UREMENT BOOK

...ber	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	...charge of the Work.				
	1.80	0.60	0.29	2.87	
	1.50	0.60	0.29	1.98	
	1.80	0.60	0.29	2.87	
				7.7243	
	0.834 m³		@	6065.28 /m³	4/426.00
	...ete for RCC work including				
	...making, placing in position,				
	...wherever required, tying with				
	...to the adjoining members Wherever				
	...ings) costing all materials				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

260525

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Labour, Hire of machineries etc complete as per specifications and directions of Engineer-In-charge of the work.						
						Qty vide this MB.P 260588	
						# no (4) @ 6.150M @ 7975.81/m³	49051.60
9)	Providing & removing, centering, shuttering, strutting propping etc and removing form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses and plinth and string courses, Costing all material, labour etc complete as per specifications and						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	directions of Engineer - in-charge of the work.						
						Qty as per this mb p 26058	
						# as per (5) = 19.774² C	5845.00
						292.68 /14	
10)	Scarifying existing stone metal layers upto 75mm thick alongwith thin bituminous surface picking up scarified materials, and stacking of old serviceable material with lead of 100m, sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specification including costing all labour, hire of machinery etc complete as per specifications of directions of Engineer-in-						

SUREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
n-charge of the work -					
				Qty vide this MB p 260587	
				## no (4) = 19.1747² c 292.68/12	5845.00
e metal layers upto 75mm					
ottominous surface picking up					
stacking of old serviceable material					
ential spreading of the salvaged					
ggregate on prepared base and					
ter bound macadam specification,					
n, hire of machinery etc					
ns of Engineer-in-					

M. A. R. 57 (Rule 116)
Measurement Book

No. B

260526

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	charge of work						
						Qty vide this MB p. 260589	
						## no (5) = 1299.00 m² c 82.94/12	107739.00 "
11	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant, Carriage of mixed material by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Vibratory Roller to achieve the desired density etc Complete as per specifications and directions of Engineer-In-charge of work.						
						Carried to Side this MB. P 260/90	
						Item no. (12) = 263.844 m^3 C 1500/- m^3	395760.00
12)	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and or compressed air to receive bituminous treatment including cost of all materials, labour, hire of machinery;						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Carried to Side this MB. P 260/90
	Engineer-In-Charge
13)	Providing and applying porosity like cement over prepared s using bitumen an cost of all materia